Offsetting operations in solid modelling

Additional Information:citings   index terms   collaborative colleagues

Tools and Actions: Discussions   Find similar Articles   Review this Article
Save this Article to a Binder   Display in BibTex Format

DOI Bookmark: 10.1016/0167-8396(86)90017-8

↑ CITINGS *12*

Sangho Park , Kunwoo Lee, Mathematical foundation for representing propagation of geometric tolerances, Proceedings of the fourth ACM symposium on Solid modeling and applications, p.240-247, May 14-16, 1997, Atlanta, Georgia, United States

Mark Forsyth, Shelling and offsetting bodies, Proceedings of the third ACM symposium on Solid modeling and applications, p.373-381, May 17-19, 1995, Salt Lake City, Utah, United States

Andrzej Łukaszewski, Exploiting coherence of shadow rays, Proceedings of the 1st international conference on Computer graphics, virtual reality and visualisation, November 05-07, 2001, Camps Bay, Cape Town, South Africa

Toshiaki Satoh , Hiroaki Chiyokura, Boolean operations on sets using surface data, Proceedings of the first ACM symposium on Solid modeling foundations and CAD/CAM applications, p.119-126, June 05-07, 1991, Austin, Texas, United States

A. Sourin , A. Pasko, Function representation for sweeping by a moving solid, Proceedings of the third ACM symposium on Solid modeling and applications, p.383-391, May 17-19, 1995, Salt Lake City, Utah, United States

Masatomo Inui , Harald Otto , Fumihiko Kimura, Algebraic interpretation of geometric tolerances for evaluating geometric uncertainties in solid modeling, Proceedings on the second ACM symposium on Solid modeling and applications, p.377-386, May 19-21, 1993, Montreal, Quebec, Canada

J. L. Ellis , G. Kedem , T. C. Lyerly , D. G. Thielman , R. J. Marisa , J. P. Menon , H. B. Voelcker, The Ray casting engine and Ray representatives, Proceedings of the first ACM symposium on Solid modeling foundations and CAD/CAM applications, p.255-267, June 05-07, 1991, Austin, Texas, United States

h   c   g c   cf   c

Sang Hun Lee, Offsetting operations on non-manifold boundary representation models with simple geometry, Proceedings of the fifth ACM symposium on Solid modeling and applications, p.42-53, June 08-11, 1999, Ann Arbor, Michigan, United States

Allan Hansen , Farhad Arbab, An algorithm for generating NC tool paths for arbitrarily shaped pockets with islands, ACM Transactions on Graphics (TOG), v.11 n.2, p.152-182, April 1992

Shi-Nine Yang , Ming-Liang Huang, A new offsetting algorithm based on tracing technique, Proceedings on the second ACM symposium on Solid modeling and applications, p.201-210, May 19-21, 1993, Montreal, Quebec, Canada

Jaroslaw R. Rossignac , Herbert B. Voelcker, Active zones in CSG for accelerating boundary evaluation, redundancy elimination, interference detection, and shading algorithms, ACM Transactions on Graphics (TOG), v.8 n.1, p.51-87, Jan. 1989

Jaroslaw R. Rossignac, Constraints in constructive solid geometry, Proceedings of the 1986 workshop on Interactive 3D graphics, p.93-110, January 1987, Chapel Hill, North Carolina, United States

↑ **INDEX TERMS**

Classification:
  F. Theory of Computation
  ↳ **F.2** ANALYSIS OF ALGORITHMS AND PROBLEM COMPLEXITY
    ↳ **F.2.2** Nonnumerical Algorithms and Problems
      ↳ **Subjects:** Geometrical problems and computations

  I. Computing Methodologies
  ↳ **I.3** COMPUTER GRAPHICS
    ↳ **I.3.5** Computational Geometry and Object Modeling
      ↳ **Subjects:** Geometric algorithms, languages, and systems
  ↳ **I.6** SIMULATION AND MODELING

  J. Computer Applications
  ↳ **J.6** COMPUTER-AIDED ENGINEERING
    ↳ **Subjects:** Computer-aided design (CAD)

General Terms:
Design, Experimentation, Measurement, Theory

↑ **Collaborative Colleagues:**
  A A G Requicha: J R Rossignac
  J R Rossignac: A A G Requicha

h   c   g c   cf   c